



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 31, 2006

Mr. Timothy J. O'Connor  
Vice President Nine Mile Point  
Nine Mile Point Nuclear Station, LLC  
P.O. Box 63  
Lycoming, NY 13093

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - NINE MILE  
POINT NUCLEAR STATION**

Dear Mr. O'Connor:

On August 9, 2006, the NRC staff completed its performance review of Nine Mile Point Nuclear Station for the first half of the calendar year 2006 assessment cycle. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Plant performance for the most recent quarter at Nine Mile Point Units 1 and 2 was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5233 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

**/RA/**

Brian J. McDermott, Chief  
Projects Branch 1  
Division of Reactor Projects

Docket Nos. 50-220, 50-410  
License Nos. DPR-63, DPR-59

Enclosure: Nine Mile Point Inspection/Activity Plan

cc w/encl:

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T. O'Conner

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Sincerely,

**/RA/**

Brian J. McDermott, Chief  
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Division of Reactor Projects

Docket Nos. 50-220, 50-410  
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Enclosure: Nine Mile Point Inspection/ Activity Plan

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**SUNSI Review Complete: \_\_ALB\_\_ (Reviewer's Initials)**

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OFFICE	RI/DRP		RI/DRP		RI/DRP	
NAME	LCline/ALB		ABurritt		BMcDermott	
DATE	08/25/06		08/25/06		08/31/06	

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**Nine Mile Point**  
**Inspection / Activity Plan**  
**07/01/2006 - 03/31/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>92709 - STRIKE CONTINGENCY PLANS</b>		<b>3</b>			
1, 2	IP 92709	Licensee Strike Contingency Plans		06/01/2006	07/31/2006	Other Routine
	<b>92711-OA - CONTINUED IMPLEMENTATION OF STRIKE PLANS</b>		<b>8</b>			
1, 2	IP 92711	Continued Implementation Of Strike Plans During An Extended Strike		07/01/2006	07/15/2006	Other Routine
	<b>71114 - EP PRGM INSP &amp; PI VERIFICATION</b>		<b>2</b>			
1, 2	IP 7111402	Alert and Notification System Testing		07/31/2006	08/04/2006	Baseline Inspections
1, 2	IP 7111403	Emergency Response Organization Augmentation Testing		07/31/2006	08/04/2006	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/31/2006	08/04/2006	Baseline Inspections
1, 2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		07/31/2006	08/04/2006	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/31/2006	08/04/2006	Baseline Inspections
	<b>7111121 - CDBI (COMPONENT DESIGN BASES INSPECTION)</b>		<b>7</b>			
1, 2	IP 7111121	Component Design Bases Inspection		09/11/2006	09/15/2006	Baseline Inspections
1, 2	IP 7111121	Component Design Bases Inspection		09/25/2006	09/29/2006	Baseline Inspections
1, 2	IP 7111121	Component Design Bases Inspection		10/09/2006	10/13/2006	Baseline Inspections
1, 2	IP 7111121	Component Design Bases Inspection		10/16/2006	10/20/2006	Baseline Inspections
	<b>7111111B - L.O. REQUAL.PROG. (FOCUS U1)+P/F RVW</b>		<b>3</b>			
1, 2	IP 7111111B	Licensed Operator Requalification Program		10/09/2006	10/13/2006	Baseline Inspections
	<b>TI 169 - MSPI VERIFICATION</b>		<b>2</b>			
1, 2	IP 2515/169	Mitigating Systems Performance Index Verification		10/01/2006	12/31/2006	Safety Issues
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/30/2006	11/03/2006	Baseline Inspections
1, 2	IP 7112102	ALARA Planning and Controls		10/30/2006	11/03/2006	Baseline Inspections
1, 2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		10/30/2006	11/03/2006	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/30/2006	11/03/2006	Baseline Inspections
	<b>12/11+EX - U1 OPERATOR LICENSING INITIAL EXAM</b>		<b>3</b>			
1	U01662	FY07 - NINE MILE POINT (UNIT 1) INITIAL OPERATOR EXAM		11/13/2006	11/17/2006	Not Applicable
1	U01662	FY07 - NINE MILE POINT (UNIT 1) INITIAL OPERATOR EXAM		12/11/2006	12/22/2006	Not Applicable
	<b>7111107B - HEAT SINK</b>		<b>2</b>			
1, 2	IP 7111107B	Heat Sink Performance		11/13/2006	11/17/2006	Baseline Inspections
	<b>7112202 - PUB RAD SAFETY - RADWASTE</b>		<b>1</b>			
1, 2	IP 7112202	Radioactive Material Processing and Transportation		12/11/2006	12/15/2006	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1	IP 7112101	Access Control to Radiologically Significant Areas		03/26/2007	03/30/2007	Baseline Inspections
1	IP 7112102	ALARA Planning and Controls		03/26/2007	03/30/2007	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/26/2007	03/30/2007	Baseline Inspections

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

**Nine Mile Point**  
**Inspection / Activity Plan**  
**07/01/2006 - 03/31/2008**

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	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		05/21/2007	05/25/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		05/21/2007	05/25/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		05/21/2007	05/25/2007	Baseline Inspections
	<b>71152B - PI&amp;R</b>		<b>5</b>			
1,2	IP 71152B	Identification and Resolution of Problems		06/11/2007	06/15/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		06/25/2007	06/29/2007	Baseline Inspections
	<b>7112203 - PUB RAD SAFETY - REMP</b>		<b>1</b>			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		06/04/2007	06/08/2007	Baseline Inspections
	<b>7112201 - PUB RAD SAFETY - RETS</b>		<b>1</b>			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/30/2007	08/03/2007	Baseline Inspections
	<b>7111111B - L.O.REQUAL.PROG.(FOCUS U2)+P/F RVW</b>		<b>3</b>			
1,2	IP 7111111B	Licensed Operator Requalification Program		10/29/2007	11/02/2007	Baseline Inspections
	<b>7111117B - MODS AND 50.59</b>		<b>4</b>			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		09/10/2007	09/14/2007	Baseline Inspections
1,2	IP 7111117B	Permanent Plant Modifications		09/10/2007	09/14/2007	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		11/05/2007	11/09/2007	Baseline Inspections
1,2	IP 71151	Performance Indicator Verification		11/05/2007	11/09/2007	Baseline Inspections
	<b>7111401 - EP EXERCISE &amp; PI VERIFICATION</b>		<b>4</b>			
1,2	IP 7111401	Exercise Evaluation		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		11/12/2007	11/16/2007	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		11/12/2007	11/16/2007	Baseline Inspections
	<b>71121 - OCC RAD SAFETY</b>		<b>1</b>			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		03/24/2008	03/28/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		03/24/2008	03/28/2008	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		03/24/2008	03/28/2008	Baseline Inspections

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